



# Product Evaluation

WIN2167 | 1216

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2167

**Effective Date:** December 1, 2016

**Re-evaluation Date:** February 2018

**Product Name:** Camelot Crusader Vinyl Picture Windows, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** Northeast Building Products  
4280 Aramingo Ave  
Philadelphia, PA 19124  
(215) 535-7110

## General Description:

System	Description	Label Rating	Design Pressure
1	Camelot Crusader Vinyl Picture Windows; Fin Installation	LC-PG30 60 x 60-Type FW	±30 psf
2	Camelot Crusader Vinyl Picture Windows; Frame Installation	LC-PG35 60 x 60-Type FW	±35 psf

## Product Dimensions:

System	Overall Size	Fixed Sash	Glass Daylight Opening Size
1	60" x 60"	55-3/4" x 55-3/4"	52-1/4" x 52-1/4"
2	60" x 60"	55-3/4" x 55-3/4"	52-1/4" x 52-1/4"

**Product Identification (Certification Label on Window):**

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 86-121
	Product Name	Camelot Series - Crusader NC Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 86-122
	Product Name	Camelot Series - Crusader Rep Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Acceptance of Smaller Assemblies:** Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1, 2	Type of Installation	Install the window in accordance with Northeast Building Products drawing TDI-CRUSADER-PW, titled: "Camelot Crusader Picture Window", sheets 1 through 3 of 3, dated 12/21/15, signed, sealed and dated 2-19-2016 by Lucas A. Turner, P.E.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

**Note:** Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.